



U.S. Department of Energy



Office of Small and Disadvantaged Business Utilization



7TH ANNUAL SMALL BUSINESS CONFERENCE

THE WASHINGTON STATE
CONVENTION AND TRADE CENTER



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Small Business EE and RE Opportunities

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Working with DOE ESPCs

- Subcontracting with ESCOs
 - Local expertise
 - Renewables and Advanced ECM expertise
- Project Facilitation for DOE

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Reducing Your Energy Use and Cost

- Efficient building design or retrofits, include renewable energy

Example: EMP2 office in Richland, WA

- Constructed 2004
- More efficient than required by Wash. State Code, ASHRAE Advanced Energy Design Guide
- More expensive?...added cost = \$4/ft²
- EE rebate from local utility

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Tip #1: Allow space for extra insulation



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Under construction...



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Tip #2: Open layout for indirect lighting and efficient heating and cooling



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Tip #3: Slim, high windows on south facade allow indirect light, minimize glare and heat gain



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Accessing Financial Incentives

- EPACT '05 Tax Incentives for Businesses
 - Investment tax credits for solar hot water and PV, fuel cells and microturbines
 - Comm. Bldgs. w/50% reduction in energy costs
- State and Utility Rebate/Incentive Programs
 - Covers both EE and RE technologies
 - Typically for small projects, with some exceptions
 - Comprehensive database: www.dsireusa.org

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